From:	Albright, David
To:	Craig R.Glenn
Cc:	Rumrill, Nancy; Wiltse, Wendy
Subject:	FW: EPA Hawaii News Brief- Final report available from investigation of injection wells at Lahaina wastewater facility
Date:	Thursday, August 01, 2013 2:05:02 PM

Hi Craig,

I wanted you to know that EPA has posted the final study on our website. Today, we issued the following news brief. From our perspective, questions about the details of the study – how it was done and what the results/conclusions are - should be directed to you and your team. You all are certainly most knowledgeable to speak on those matters. If you have concerns or questions about this, please let me know.

Also, my understanding is that DOH is going to be setting up a call/meeting and asking you (and your team) to give a presentation to DOH and EPA folks on the final study results. I think that will be a good opportunity for the state and federal folks to hear the same message, and for people to have questions answered. I look forward to that.

This is an important study. Thanks for all your work!

Talk to you soon.
David

For Immediate Release: August 1, 2013
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NEWS BRIEF

Final report available from investigation of injection wells at Lahaina wastewater facility

HONOLULU – The U.S. Environmental Protection Agency released a final report, "Lahaina Groundwater Tracer Study" with results from a University of Hawaii investigation of the fate of effluent injected at Maui County's Lahaina Wastewater Reclamation Facility near the Kaanapali coast.

Funded by the U. S. EPA, U.S. Army Corps of Engineers, and the Hawaii Department of Health (DOH), the University of Hawaii has been studying the effluent flow from Lahaina's injection wells to the near-shore ocean water since July 2011.

The results of the study conclusively demonstrate that a hydrogeologic connection exists between two of the Lahaina facility's injection wells and the nearby coastal waters of West Maui. A tracer dye added to the facility's injection wells 3 and 4 took approximately three months to first emerge from submarine seeps near the shore along North Kaanapali Beach. The seeps are located roughly one-half mile to the southwest of the facility. The

results suggest an average travel time from injection wells 3 and 4 to the seeps in excess of one year. The study also estimated that 64 percent of the treated wastewater injected into wells 3 and 4 discharges within two discrete near-shore zones where the submarine seeps are located. Additional key results detailed in the final report include the temperature, salinity, pH, nutrient concentrations, and discharge rate of the monitored submarine discharges.

EPA is carefully reviewing the final study results and is consulting with the Hawaii DOH on appropriate next steps in light of the research findings.

To see the Final Report please visit: www.epa.gov/region9/water/groundwater/uic-permits.html#lahaina

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